









Rotary valve.

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Cited documents:

 DE1481471
 DE1263596
 DE131174
 DE2419841
 DE2638778
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Abstract of EP0505707

A cellular wheel sluice for pourable bulk material in pneumatic conveyor pipes is described, a casing being arranged with an inlet, outlet and cellular wheel, and a removal system for leakage air being provided in addition. The leakage air and splashed particles are removed at the upwardly turning part of the cellular wheel via venting channels and are fed to the inlet aperture via a tubular section and a toroidal chamber. The cellular wheel itself has thickened areas in the middle, so that better venting of the cellular wheel chamber can be achieved.

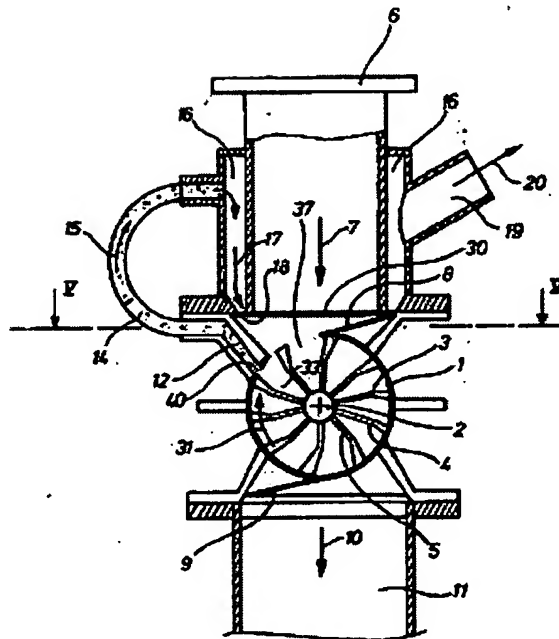


FIG 1

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